

Remarks/Arguments

This Supplemental Amendment and Response is being filed to include language inadvertently omitted from the Amendment and Response Accompanying RCE which was mailed on March 3, 2006.

Claims 1, 3-6, and 11-20 have been amended.

Rejections under 35 U.S.C. § 102

In the Final Office Action ("Office Action") mailed on November 3, 2005, the Examiner rejected claims 1-20 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Pub. No. 2005/0152146 A1 to Owen et al. ("Owen"). Applicants respectfully request reconsideration of this rejection for at least the following reasons.

As for amended claim 1, claim 1 now currently recites:

A projection system comprising:

- a solid state light source;
- a power supply coupled to the solid state light source to provide power to the solid state light source;
- a sensor either coupled to or integrated with the solid state light source to monitor a region of the solid state light source for a thermal condition, and output a signal indicative of the thermal condition of the monitored region;
- an active cooling arrangement thermally coupled to the solid state light source adapted to selectively provide more or less cooling to the solid state light source; and
- a controller coupled to the sensor and the active cooling arrangement to conditionally initiate one or more thermal management actions using the active cooling arrangement based at least in part on the thermal condition of the region as indicated by the signal.

*Underline added

In the Office Action, the Examiner rejected claim 1 because it was alleged that each and every element of claim 1 was disclosed in *Owen*. However, Applicants submit that as amended, claim 1 is not anticipated by *Owen*. In particular, *Owen* does not disclose the feature "an active cooling arrangement thermally coupled to the solid state light source adapted to

selectively provide more or less cooling to the solid state light source" that is separate from the power supply source. At best, *Owen* only discloses a projection system that uses a passive cooling device (i.e., heat sink 38) to dissipate heat and controlling the "power supply to prevent the module 20 from overheating." See paragraph [0037] of *Owen*. For at least these reasons, claim 1 is patentable over *Owen*.

Amended independent claims 12 and 19 have features similar to those of claim 1 as recited above. Therefore, for at least the same reasons that claim 1 is patentable over *Owen*, claims 12 and 19 are also patentable over *Owen*. Dependent claims 2-11, 13-18, and 20 depend from claims 1, 12, and 19, incorporating their features. Thus, by virtue of their dependency, claims 2-11, 13-18, and 20 are also patentable over *Owen*.

Conclusion

In view of the foregoing, the Applicants respectfully submit that claims 1-20 are in a condition for allowance. Early issuance of Notice of Allowance is respectfully requested.

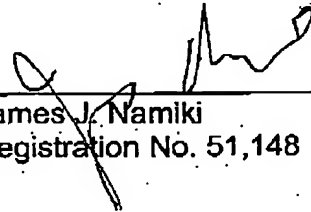
If the Examiner has any questions, she is invited to contact the undersigned at 503-796-2099.

The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393.

Respectfully submitted,
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